

Title (en)

Assembly arrangement between an inner bearing ring and a trunnion, bearing ring and trunnion adapted to the arrangement, and a turbo machine equipped with them

Title (de)

Montageanordnung zwischen einem Lagerinnenring und einem Zapfen, zur Anordnung geeigneter Lagerinnenring und Zapfen, und eine mit diesem ausgerüstete Turbomaschine

Title (fr)

Agencement d'assemblage entre une bague intérieure de palier et un tourillon, bague et tourillon adaptés à un tel agencement, et turbomachine équipée de ceux-ci

Publication

**EP 1712806 B1 20120725 (FR)**

Application

**EP 06112564 A 20060412**

Priority

FR 0550962 A 20050415

Abstract (en)

[origin: EP1712806A2] The arrangement has an annular groove (36) arranged on an outer side (24) of a journal (2) comprising an axis (4), and an annular groove (26) arranged on an inner side (66) of an inner ring (6). The grooves cooperate to form an annular channel (52) between the journal and the ring. A rod (40) is inserted in the channel to prevent a relative axial translation movement, along the axis, between the journal and the ring. A recess (38) of the journal and a tooth (32) of the ring cooperate to prevent a relative rotational movement, around the axis, between the journal and the ring.

IPC 8 full level

**F16C 33/66** (2006.01); **F01D 25/16** (2006.01); **F02C 7/06** (2006.01); **F16C 33/58** (2006.01)

CPC (source: EP US)

**F01D 25/16** (2013.01 - EP US); **F02C 7/06** (2013.01 - EP US); **F16C 33/58** (2013.01 - EP US); **F16C 33/6651** (2013.01 - EP US); **F16C 33/6677** (2013.01 - EP US); **F16C 35/063** (2013.01 - EP US); **F05D 2260/30** (2013.01 - EP US); **F16C 19/26** (2013.01 - EP US); **F16C 2360/23** (2013.01 - EP US)

Cited by

EP2128390A1; EP2852741A4; FR2931874A1; WO2012135254A1; US8246255B2

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**EP 1712806 A2 20061018; EP 1712806 A3 20110105; EP 1712806 B1 20120725**; CA 2542707 A1 20061015; CA 2542707 C 20121016; CN 100412399 C 20080820; CN 1834489 A 20060920; ES 2389731 T3 20121030; FR 2884568 A1 20061020; FR 2884568 B1 20070608; JP 2006300324 A 20061102; RU 2006112538 A 20071020; RU 2397333 C2 20100820; US 2006233479 A1 20061019; US 7488112 B2 20090210

DOCDB simple family (application)

**EP 06112564 A 20060412**; CA 2542707 A 20060410; CN 200610072383 A 20060414; ES 06112564 T 20060412; FR 0550962 A 20050415; JP 2006108296 A 20060411; RU 2006112538 A 20060414; US 40297406 A 20060413